Siesta i Whispa
Integrated technology
Take a good look, and you’ll be surprised by the many forward-thinking features of the Siesta i Whispa anaesthesia machine.

At Dameca, we are not just committed to meeting the healthcare needs of today. We also remember tomorrow:

- Integrated breathing system (IBS)
- Microprocessor-controlled ventilator with colour or monochrome screen
- High-level safety features
- Space-saving design
- Long lifetime at low total cost of ownership

**MICROPROCESSOR-CONTROLLED VENTILATOR**

Our ventilator compensates for changes in the fresh gas flow and compliance in the patient system.

Pressure, spirometry data and oxygen analysis are displayed on the 8” colour TFT screen.

The seven ventilation modes are: VCV, PCV, SIMV, PSV, PRVT(opt.), manual and spontaneous.

**HIGH-LEVEL SAFETY FEATURES**

The Siesta i Whispa has a number of built-in safety features, including:

- Minoxyguard function, ensuring minimum 25% oxygen in the oxygen/nitrous oxygen mix
- A slave regulator cuts off nitrous oxygen and gives an audible alarm in case of a failed oxygen supply
- A fresh gas switch between the IBS and the auxiliary gas outlet
- An oxygen flowmeter with separate outlet, including tube nipple, and integrated patient suction unit
- Automatic self-test at start up
- Built-in battery backup

**SPACE-SAVING DESIGN**

The slim, modular Siesta i Whispa is a compact choice for all operating theatres, where it occupies a minimum of space.

Twin wheels enable the machine to be moved around smoothly and easily. Where floor space is particularly limited, our pendant and wall-mounted solutions are a practical alternative.

We have done our best to integrate all functions in the machine. Even the AGSS for gas evacuation is among the core functions, eliminating the need for a separate system on the side or rear of the machine.

A smart back bar for mounting Selectatec vaporisers and simple mounting of all types of patient monitors adds to the flexibility that will take the Siesta i Whispa into the future.

**LONG LIFETIME AT LOW COST**

Look forward to the lowest total cost of ownership on the market. Minimum maintenance requirements and easy cleaning are all part of our design. Spare part orders are promptly handled and dispatched.

**PRVT — PRESSURE REGULATED VOLUME TARGET**

PRVT is a lung-protective ventilation mode that combines the advantages of volume controlled ventilation (VCV) and pressure controlled ventilation (PCV). Optimum ventilation is achieved through inspiratory flow control, maintaining inspiratory pressure while the patient is under anaesthesia. The required tidal volume set by the operator is achieved by automatic, breath-by-breath pressure regulation.
Forget about time-consuming, multiple tubing connections between the anaesthesia machine, patient system and patient. Our integrated breathing system (IBS) integrates an ascending bag-in-bottle, patient circuit and CO₂ absorber in one compact unit.

That means no tubings between the IBS and the machine and only two tubings — for inspiration and expiration — between the IBS and the patient.

Setting up for an operation is faster, and cleaning easier. In less than a minute, the system can be taken apart for cleaning, without any need of special tools. The foolproof design rules out the risk of reassembly errors after cleaning.

**BAG-IN-BOTTLE**
Ascending bellows prevent air from being drawn into the breathing system in the event of a leakage. Capacity up to 1500ml, suitable for adults, infants and neonates.

**VALVES**
Yellow valve flaps enable visual supervision of inspiration and expiration. A handy manual respiration valve is also integrated with pressure and spontaneous modes.

The hanging valve flaps ensure optimum ventilation for all patient categories including neonates.

Manual bag connection is located under the manual respiration valve.

**i-SORB ABSORBER**
Available in re-usable or disposable versions, the i-SORB eliminates waste of unused soda lime due to its flow-optimised design. Soda lime capacity is 900g.
### Specifications

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<th>SIESTA i WHISPA</th>
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<td><strong>Dimensions (HxWxD)</strong></td>
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<td><strong>Weight</strong></td>
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| **Integrated breathing systems (IBS)** | Hanging Insp./Exp. valve flaps  
Disassembly without tools in 30 seconds  
Fresh gas introduced after Insp. valve  
Autoclavable |
| **Absorber capacity** | 900g |
| **Ventilation modes** | VCV (Volume Controlled Ventilation)  
PCV (Pressure Controlled Ventilation)  
SIMV (Synchronised Intermittent Mandatory Ventilation)  
PSV (Pressure Support Ventilation)  
PRVT (Pressure Regulated Volume Target) (opt.)  
Manual and spontaneous |
| **Tidal volume** | 20 to 1500ml |
| **Respiration rate** | 4 to 80bpm |
| **I:E ratio** | 3:1 to 1:9.9 |
| **Electronic PEEP** | 4 to 20 |
| **Inspiratory pressure** | PCV 7 to 67hpa  
PSV 4 to 50hpa |
| **AGSS** | 30 to 40L/min |
| **Ventilation measurements** | PEAK, Plateau and PEEP pressure  
Patient compliance  
Tidal & minute volume  
Inspired 0,% (opt.)  
Spirometry loop |
ABOUT DAMECA
Dameca is about raising standards of hospital and veterinary treatment through innovative development. For more than 60 years, our anaesthesia technology has contributed to high quality healthcare. Today our products rank among the safest, most efficient and most flexible on the market.

We manufacture our products at our modern facilities just outside Copenhagen. It is also here our head office is located, along with our development and test facilities, sales and after-sales departments and warehouse.

Dameca anaesthesia machines and accessories are sold through our sales team in Scandinavia and our distributor network in more than 100 countries worldwide. For further information, contact us directly or visit www.dameca.com.